

Title (en)

HEAT-ABSORBING FILTER AND METHOD FOR MAKING SAME

Title (de)

WÄRMEABSORBIERENDER FILTER UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

FILTRE ANTICALORIQUE ET PROCEDE DE FABRICATION DE CE FILTRE

Publication

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Application

EP 00988872 A 20001124

Priority

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Abstract (en)

[origin: WO0138246A2] The invention concerns a heat-absorbing filter and a method for making same. Said heat-absorbing filter can be used, for instance, for filtering an illumination for surgical operation or therapy consisting of a light source emitting energy, or radiation, in the visible and infrared domains. It enables to filter the light emitted by said source to prevent the infrared radiation from bothering the surgical team or the patient. It comprises a substrate, at least an infrared reflecting material, and a coating forming a barrier filter in the visible domain. The inventive method consists in depositing on the substrate an infrared reflecting material and depositing on said infrared reflecting material a coating acting as barrier filter in the visible domain.

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